

10419-000 SEQ LIST.txt
SEQUENCE LISTING

<110> Novozymes A/S

<120> 10419 High Temperature Vegetable Processing

<130> 10419.204-W0

<160> 2

<170> PatentIn version 3.2

<210> 1

<211> 341

<212> PRT

<213> *Bacillus licheniformis*

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35 40 45Ala Leu Asn Gly Gly Thr Thr Gly Gly Glu Gly Gly Gln Thr Val Thr
50 55 60Val Thr Thr Gly Asp Gln Leu Ile Ala Ala Leu Lys Asn Lys Asn Ala
65 70 75 80Asn Thr Pro Leu Lys Ile Tyr Val Asn Gly Thr Ile Thr Thr Ser Asn
85 90 95Thr Ser Ala Ser Lys Ile Asp Val Lys Asp Val Ser Asn Val Ser Ile
100 105 110Val Gly Ser Gly Thr Lys Gly Glu Leu Lys Gly Ile Gly Ile Lys Ile
115 120 125Trp Arg Ala Asn Asn Ile Ile Ile Arg Asn Leu Lys Ile His Glu Val
130 135 140Ala Ser Gly Asp Lys Asp Ala Ile Gly Ile Glu Gly Pro Ser Lys Asn
145 150 155 160Ile Trp Val Asp His Asn Glu Leu Tyr His Ser Leu Asn Val Asp Lys
165 170 175Asp Tyr Tyr Asp Gly Leu Phe Asp Val Lys Arg Asp Ala Glu Tyr Ile
180 185 190Thr Phe Ser Trp Asn Tyr Val His Asp Gly Trp Lys Ser Met Leu Met
Page 1

195 10419-000 SEQ LIST.txt
200 205

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210 215 220

Asn Trp Phe Glu Asn Leu Asn Ser Arg Val Pro Ser Phe Arg Phe Gly
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Glu Gly His Ile Tyr Asn Asn Tyr Phe Asn Lys Ile Ile Asp Ser Gly
245 250 255

Ile Asn Ser Arg Met Gly Ala Arg Ile Arg Ile Glu Asn Asn Leu Phe
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Glu Asn Ala Lys Asp Pro Ile Val Ser Trp Tyr Ser Ser Ser Pro Gly
275 280 285

Tyr Trp His Val Ser Asn Asn Lys Phe Val Asn Ser Arg Gly Ser Met
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Pro Thr Thr Ser Thr Thr Tyr Asn Pro Pro Tyr Ser Tyr Ser Leu
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Asn Val Asp Asp Asn Leu Lys Pro Leu Gly Leu Asn Asp Tyr Lys Asp
65 70 75 80

Pro Glu Tyr Asp Leu Asp Lys Tyr Leu Lys Ala Tyr Asp Pro Ser Thr
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Trp Gly Lys Lys Glu Pro Ser Gly Thr Leu Glu Glu Ala Arg Ala Arg
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Ser Gln Lys Asn Gln Lys Ala Arg Val Met Val Asp Ile Pro Ala Asn
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Phe Gln Ile Lys Ser Asp Asn Val Ile Ile Arg Asn Ile Glu Phe Gln
145 150 155 160

Asp Ala Tyr Asp Tyr Phe Pro Gln Trp Asp Pro Thr Asp Gly Ser Ser
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Gly Asn Trp Asn Ser Gln Tyr Asp Asn Ile Thr Ile Asn Gly Gly Thr
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His Ile Trp Ile Asp His Cys Thr Phe Asn Asp Gly Ser Arg Pro Asp
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Ser Thr Ser Pro Lys Tyr Phe Gly Arg Lys Tyr Gln His His Asp Gly
210 215 220

Gln Thr Asp Ala Ser Asn Gly Ala Asn Tyr Ile Thr Met Ser Tyr Asn
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Tyr Tyr His Asp His Asp Lys Ser Ser Ile Phe Gly Ser Ser Asp Ser
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Lys Thr Ser Asp Asp Gly Lys Leu Lys Ile Thr Leu His His Asn Arg
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Ala Phe Ser Tyr Ala Trp Gly Ile Gly Lys Ser Ser Lys Ile Tyr Ala
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Ser Val Phe Ser Gly Gly Thr Ala Leu Tyr Asp Ser Gly Thr Leu Leu
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Asn Gly Thr Gln Ile Asn Ala Ser Ala Ala Asn Gly Leu Ser Ser Ser
355 360 365